

NEBRASKA

WEATHER & CROPS

For Week Ending 8/21/83

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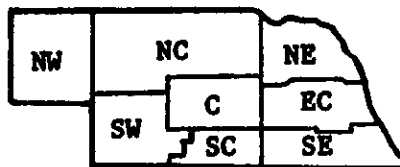
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WEATHER

Temperatures were 10 to 12 degrees above normal in the central and east but only 5 degrees above normal over the Panhandle. As of Friday, August 19, southeast Nebraska finally received around a half inch of rain while the remainder of the State received from .10 to .20 inch. Additional rain fell over the weekend.

GENERAL

Another hot, dry week in Nebraska ended with rains over the weekend being especially helpful to some row crops and pastures in the driest eastern and southern portions of the State. As of Sunday morning, amounts of .50 inch or more were recorded in many east central and southeastern counties. However, this comes after much of the dryland corn yield potential in these areas had been seriously reduced. As of Friday, all of the southeastern corn crop and 75% of the east central acreage was listed in poor condition. Because of badly depleted soil moisture supplies in those areas, additional timely rains will be necessary for soybeans and sorghums to show good recovery. Days suitable for fieldwork were 6.9.

As of Friday, August 19, topsoil moisture supplies rated 100% short. Subsoil supplies were 71% short, 29% adequate. A year ago, topsoil moisture rated 30% short, 61% adequate and 9% surplus. Subsoil supplies were 19% short, 79% adequate and 2% surplus.

CROPS

The combined corn crop condition rating of dryland and irrigated acreage

showed 13% rated poor, 25% fair, 61% good and 1% excellent. Nearly 40% of the dryland crop rated in poor condition while over three-fourths of the irrigated crop rated good. Seventy percent of the crop had reached the dough stage or beyond, compared to 45% previous year and a five-year average of 60%. Ten percent was in dent, same as average and just ahead of 6% a year ago. Some dryland acreage was being green chopped in the southeast. Insect activity continues heavy with treatment continuing.

Sorghum crop conditions were 38% poor, 46% fair and 16% good. Heading was occurring on 85% of the acreage, with 80% last year and 90% average. Coloring was evident on 8%, with 4% turning last year and 15% average. Some of the poorest dryland southeastern crop was being swathed for livestock feed last week.

Soybean crop conditions were 19% poor, 59% fair, 21% good and 1% excellent. Podding had occurred on 96%, compared to 60% last year and 90% average. Insects were troublesome in many fields with spraying underway.

The third cutting of alfalfa was 40% complete, same as last year and average.

LIVESTOCK

Pasture and range feed supply rated short in most of the eastern third of Nebraska as well as much of central and south central areas. Heat stress was of concern again last week with livestock producers providing shade, ventilation and water sprays in an effort to limit livestock losses.

Precipitation, April 1 - August 19, 1983

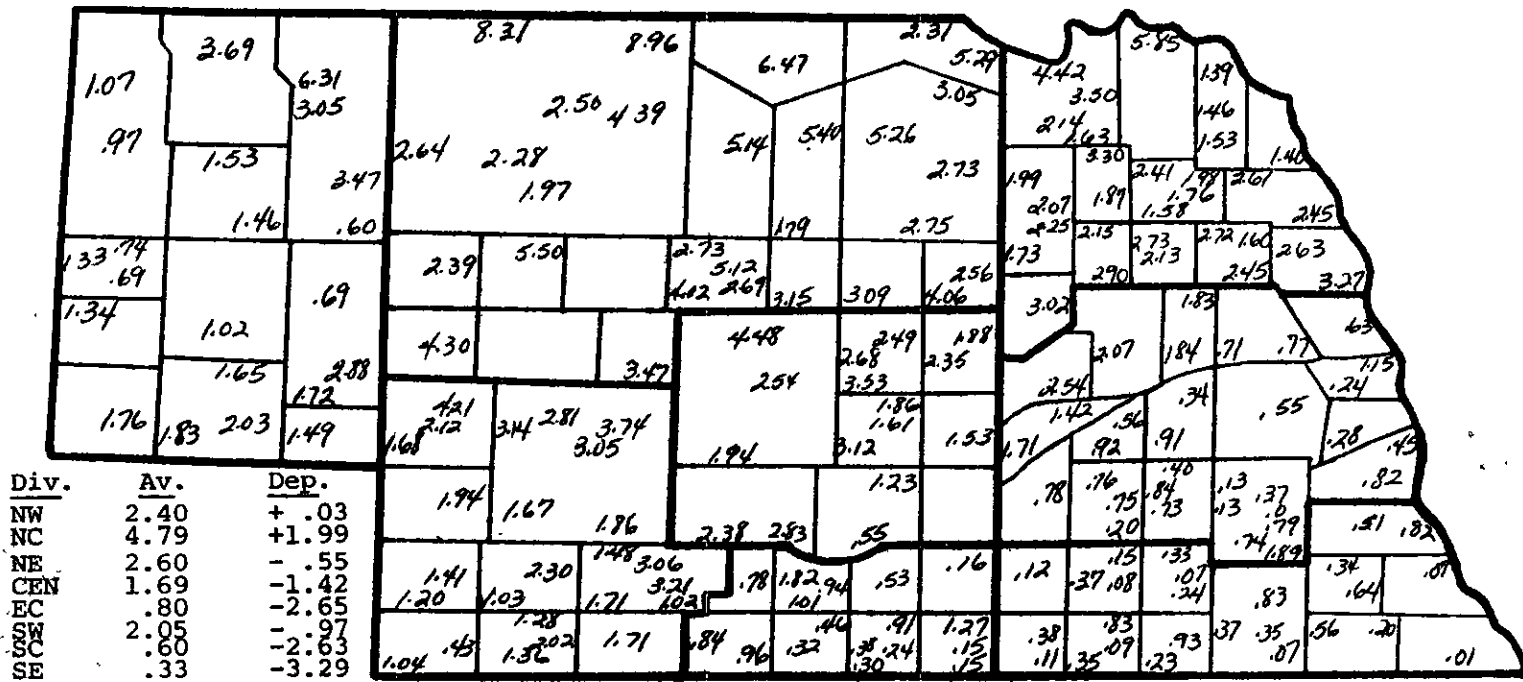
	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week10	.40	.20	.10	.20	.00	.10	.50
Total since April 1	11.80	17.00	17.00	13.70	14.50	10.90	12.20	14.70
Normal since April 1	11.80	13.73	16.07	14.96	17.24	12.88	15.41	18.18

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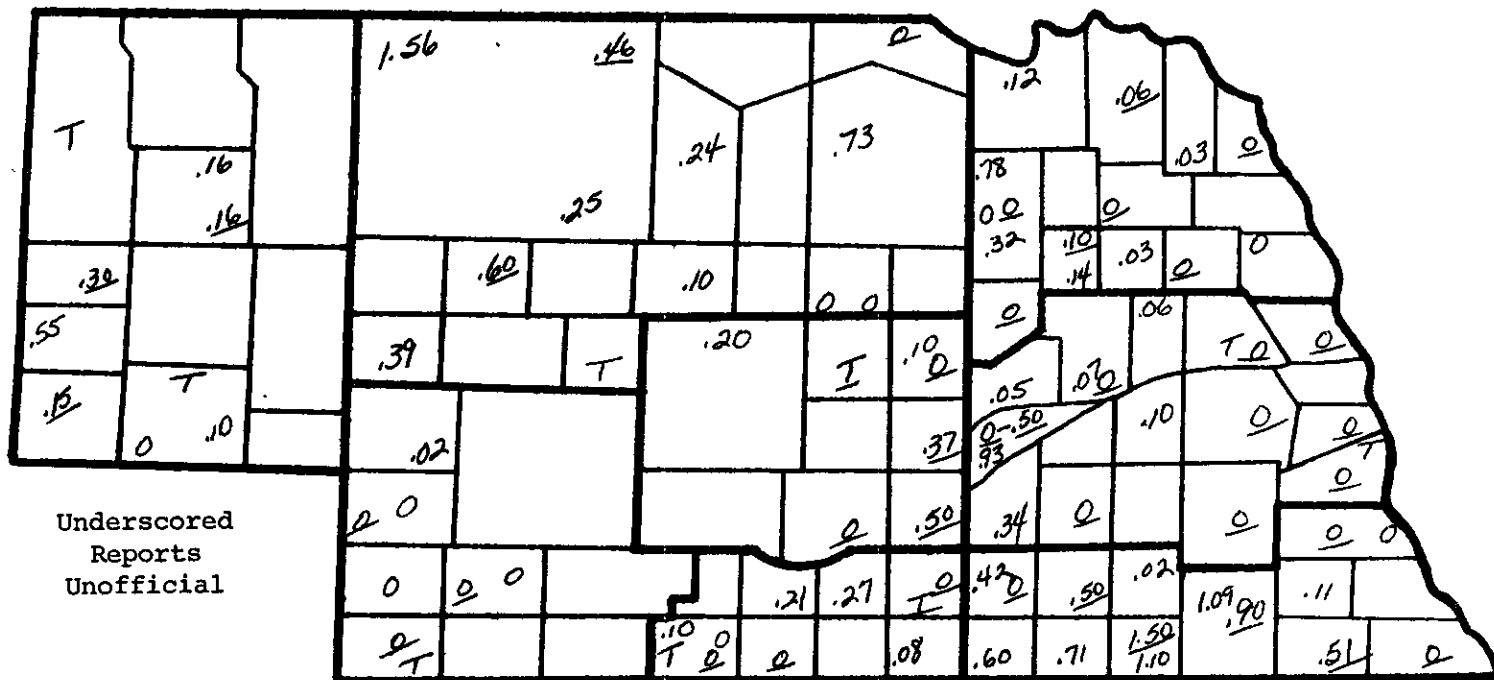
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PRECIPITATION MAP FOR MONTH OF JULY 1983 1/



1/ Courtesy of the Center for Agricultural Meteorology and Climatology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.

PRECIPITATION MAP FOR WEEK ENDING FRIDAY, AUGUST 19, 1983



TEMPERATURE AND PRECIPITATION DATA FOR WEEK ENDING SUNDAY, AUGUST 21, 1983

Station		Temperature			Precipitation
		Extremes		Departure	Total Inches 1/
		Max	Min		
NW	Chadron	99	58	78	--
	Scottsbluff	98	59	77	.58
	Sidney	97	56	77	--
NC	Ord	--	--	--	--
	Valentine	104	60	80	.01
NE	Norfolk	107	67	85	.07
	Sioux City	100	71	80	.08
CEN	Grand Island	110	66	86	.15
EC	Lincoln	107	70	87	.52
	Omaha	106	70	86	.72
SW	Imperial	104	62	82	0
	North Platte	103	60	80	T

1/ Precipitation totals not included in map above.